

**METHOD, APPARATUS AND SYSTEM FOR THE
SYNCHRONIZED COMBINING OF PACKET DATA**

ABSTRACT OF THE DISCLOSURE

5 A method, apparatus and system for the synchronized combining of packet data in a network includes sorting data packets received during a predetermined time period into groups according to for which communications device of the network the received data packets are intended. The data packets in each of the groups intended for the respective communications 10 devices are respectively time aligned and orthogonally combined. The respectively combined data packets intended for each of the specific communications devices are subsequently transmitted to the intended device using a single header and in a substantially compressed format.